UTILITY PATENT	Attorney Docket No. 990559 Total Pages			
APPLICATION TRANSMITTAL (Only for new nonprovisional applications	First Named Inventor or Application Identifier			
under 37 CFR 1.53(b)) O O D D D D D D D D D D D	Hiroyuki WATANABE, Hideki MIZUHARA, Shinichi TANIMOTO, Atsuhiro NISHIDA, Yoshikazu YAMAOKA and Yasunori INOUE			
	Express Mail Label No.			
ALLICATION ELEMENTS FOR:	ADDRESS TO: Assistant Commissioner for Patents BOX PATENT APPLICATIONS			
METHOD THEREOF	Washington, D.C. 20231			
[XX] Fee Transmittal Form (Incorporated within this form) (Submit an original and a duplicate for fee processing)				
2. [XX] Specification Total Pages [28	3]			
3. [XX] Drawing(s) (35 USC 113) Total Sheets [17				
4. [XX] Oath or Declaration Total Pages [2]				
a. [XX] Newly executed (original)				
b. [] Copy from prior application (37 CFR 1.63(d) (for continuation/divisional with Box 17 completed).				
i. [] Deletion of Inventor(s) Signed statement attached deleting inventor(s) named in prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 5. [] Incorporation by reference (useable if box 4b is checked)				
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.				
6. [] Microfiche Computer Program (Appendix)				
7. [] Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)				
a. [] Computer Readable Copy b. [] Paper Copy (identical to computer copy) c. [] Statement Verifying identity of above copies				
ACCOMPANYING APPLICATION PARTS				
8. [XX] Assignment Papers (cover sheet and document(s))				
9. [] 37 CFR 3.73(b) Statement (when there is an assign	nee) [XX] Power of Attorney			

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 990559

First Named Inventor or Application Identifier

Hiroyuki WATANABE, Hideki MIZUHARA, Shinichi TANIMOTO, Atsuhiro NISHIDA, Yoshikazu YAMAOKA and Yasunori INOUE

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10. [] English translation Document (if applicable)					
11. [XX] Information Disclosure Statement [XX] Copies of IDS Citations					
12. [] Preliminary Amendment					
13. [XX] Return Receipt Postcard (MPEP 503))				
4. [] Small Entity Statement(s)	[] Statement filed in prior application Status still proper and desired.				
U 指5. [XX] Claim for Convention Priority	[XX] Certified copy of Priority Documents (2)				
a. Priority of application no filed on is claimed under 35 USC 119. The certified copies/copy have/has been filed in prior application Serial No (For Continuing Applications, if applicable).					
16. [] Other					
FEE TRANSMITTAL The filing fee is calculated below	Number Filed	Number Extra	Rate	Basic Fee \$760.00	
Total Claims	20 - 20		x \$18.00		
Independent Claims	2 - 3		x \$78.00		
Multiple Dependent Claims \$260.00					
Basic Filing Fee			\$760.00		
Reduction by 1/2 for small entity					
Fee for recording enclosed Assignment \$40.00		\$40.00	\$40.00		
TOTAL			\$800.00		



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PAGE 3 OF 3

[XX] A check in the amount of \$800.00 is enclosed to cover the filing fee of \$760.00 and the assignment recordation fee of \$40.00.
[] Please charge our Deposit Account No. 01-2340 in the total amount of to cover the filing fee and the assignment recordation fee. A duplicate of this sheet is attached.
[XX] The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37
CFR 1.16 or credit any overpayment to Deposit Account No. 01-2340. A duplicate of this sheet is attached.
18. CORRESPONDENCE ADDRESS
ARMSTRONG, WESTERMAN, HATTORI McLELAND & NAUGHTON
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SUBMITTED BY
Typed or Printed Name Stephen G. Adrian Reg. No. 32,878
Signature Date: May 27, 1999

SGA/tmb